



31 October 2003

INFORMATION PAPER

SUBJECT: Hurricane Evacuation Study - Islands Mass Management Tool, Kauai, Hawaii

1. Purpose: To provide information on the subject study.
2. Points of Major Interest and Facts.

a. The U.S. Army Corps of Engineers is authorized to conduct hurricane preparedness studies under the Flood Plain Management Services Program, under Section 206 of the Flood Control Act of 1960, as amended. These studies, through fiscal year 2001, were collectively referred to Hurricane Evacuation Studies (HES), and were comprised of a series of technical data reports intended to provide local emergency managers state-of-the-art information to assist in hurricane preparedness and decision making.

b. New technical guidelines for conducting hurricane evacuation studies for island communities were developed as a result of recommendations made by an HES Islands Task Force Report (January 2002). Initially, the new study process uses existing data from multiple sources (hazard data, behavioral surveys, evacuation statistics, sheltering information, etc.) to produce an interactive computer program (Mass Management Tool (MMT)) which allows island emergency managers to manipulate various data sets to produce scenarios for the management of their island populations. A completed MMT was delivered to Kauai County Civil Defense in October 2002.

c. Future plans call for the development of a GIS based Mass Management System as improved mapping, hazards, and cultural/behavioral data is developed.

3. Congressional Interest. The Congressional delegation is interested in the progress of the studies which may result in preventative or response actions.